

Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bahramian et al. Attorney Docket: 2498/101 (formerly 2281/102)
 Serial No: 09/472,558 Art Group Unit: 1632
 Date Filed: December 27, 1999 Examiner Name: Paras, Jr.
 Invention: MUTING GENE ACTIVITY USING A TRANSGENIC NUCLEIC ACID

**LIST OF PATENTS AND PUBLICATIONS FOR
 APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

United States Patents

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
<u>PP</u>	AA	5,908,960	06/01/99	Newlander	564/177

International Patents

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
<u>PP</u>	AB	WO 97/01560	16.01.97	Ohlmeyer	C07D 487/04

Other Documents

Examiner Initials	Reference Number	Author	Title of Article, Title of Item, Date, Page(s). Volume-Issue Number(s)
<u>PP</u>	AC	Soberon et al.	<i>Construction and Characterization of New Cloning Vehicles IV. Deletion Derivatives of pBR322 and pBR325</i> Gene 9:287-305 (1980)
<u>PP</u>	AD	Carlton ^{Calton} et al.	<i>Chapter 30 - Product Recovery</i> Manual of Industrial Microbiology and Biotechnology 436-445 (1986) Ed. A. Dimain

<u>PP</u>	AE	Chomczynski et al.	<i>Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction</i> Analytical Biochemistry 162:156-159 (1987)
<u>PP</u>	AF	Schnieke et al.	<i>Introduction of the human proα1(I) collagen gene into proα1(I)-deficient Mov-13 mouse cells leads to formation of functional mouse-human hybrid type I collagen</i> Proc. Nat. Acad. Sci. USA 84:764-768 (February 1987)
<u>PP</u>	AG	Sitrin et al.	<i>Developments in Industrial Microbiology</i> Journal of Industrial Microbiology 27/1:65-75 (1987)
<u>PP</u>	AH	Zarbl et al.	<i>Revertants of v-fos-Transformed Fibroblasts Have Mutations in Cellular Genes Essential for Transformation by Other Oncogenes</i> Cell 51:357-369 (November 6, 1987)
<u>PP</u>	AI	Bornstein et al.	<i>The First Intron of the α1(I) Collagen Gene Contains Several Transcriptional Regulatory Elements</i> The Journal of Biological Chemistry 263/4:1603-1606 (February 5, 1988)
<u>PP</u>	AJ	Brenner et al.	<i>Analysis of the collagen α1(I) promoter</i> Nucleic Acids Research 17/15:6055-6064 (July 5, 1989)
<u>PP</u>	AK	Lichtler et al.	<i>Isolation and Characterization of the Rat α1(I) Collagen Promoter</i> The Journal of Biological Chemistry 264/6:3072-3077 (February 25, 1989)
<u>PP</u>	AL	Rippe et al.	<i>Regulatory Elements in the 5'-Flanking Region and the First Intron Contribute to Transcriptional Control of the Mouse Alpha 1 Type I Collagen Gene</i> Molecular and Cellular Biology 9/5:2224-2227 (May 1989)
<u>PP</u>	AM	Stacey et al.	<i>Perinatal lethal osteogenesis imperfecta in transgenic mice bearing an engineered mutant pro-α1(I) collagen gene</i> Nature 332:131-136 (March 10, 1988)

<u>PP</u>	AN	Currie	<i>Regulation of kappa immunoglobulin gene transcription in vitro</i> Nucleic Acids Research 18/10:2987-2992 (April 9, 1990)
<u>PP</u>	AO	Hoemann et al.	<i>Use of Revertant Cell Lines to Identify Targets of v-fos Transformation-specific Alterations in Gene Expression</i> Cell Growth & Differentiation 1:581-590 (December 1990)
<u>PP</u>	AP	LeFranc et al.	<i>Regulation of the immunoglobulin gene transcription</i> Biochimie 72:7-17 (1990)
<u>PP</u>	AQ	Barker et al.	<i>Retrovirus-Induced Insertional Mutagenesis: Mechanism of Collagen Mutation in Mov13 Mice</i> Molecular and Cellular Biology 11/10:5154-5163 (October 1991)
<u>PP</u>	AR	Chan et al.	<i>Retrovirus-Induced Interference with Collagen I Gene Expression in Mov13 Fibroblasts is Maintained in the Absence of DNA Methylation</i> Molecular and Cellular Biology 11/1:47-54 (January 1991)
<u>PP</u>	AS	Dhawan et al.	<i>Cell Adhesion Regulates Pro-$\alpha 1(I)$ Collagen mRNA Stability and Transcription in Mouse Fibroblasts</i> The Journal of Biological Chemistry 266/13:8470-8475 (May 5, 1991)
<u>PP</u>	AT	Ritzenthaler et al.	<i>Transforming-growth-factor-β activation elements in the distal promoter regions of the rat $\alpha 1$ type I collagen gene</i> Biochemistry Journal 280:157-162 (June 11, 1991)
<u>PP</u>	AU	Staudt et al.	<i>Immunoglobulin Gene Transcription</i> Annual Review of Immunology 9:373-398 (1991)
<u>PP</u>	AV	Wang et al.	<i>Positive and Negative Regulation of Immunoglobulin Gene Expression by a Novel B-Cell-Specific Enhancer Element</i> Molecular and Cellular Biology 11/1:75-83 (January 1991)

<u>PP</u>	AW	Kho et al.	<i>Fte-1, a v-fos transformation effector gene, encodes the mammalian homologue of a yeast gene involved in protein import into mitochondria</i> Proc. Nat. Acad. Sci. USA 89:2200-2204 (March 1992)
<u>PP</u>	AX	Slack et al.	<i>Regulation of Collagen I Gene Expression by ras</i> Molecular and Cellular Biology 12/10:4714-4723 (October 1992)
<u>PP</u>	AY	Capecchi	<i>Targeted Gene Replacement</i> Scientific American 52-59 (March 1994)
<u>PP</u>	AZ	Bahramian et al.	<i>Direct Gene Quantitation by PCR Reveals Differential Accumulation of Ectopic Enzyme in Rat-1 Cells, v-fos Transformants, and Revertants</i> PCR Methods and Applications 4:145-153 (1994)
<u>PP</u>	BA	Ingelbrecht et al.	<i>Posttranscriptional silencing of reporter transgenes in tobacco correlates with DNA methylation</i> Proc. Nat. Acad. Sci. USA 91:10502-10506 (October 1994)
<u>PP</u>	BB	Van Amsterdam et al.	<i>Elevated expression of the junB proto-oncogene is essential for v-fos induced transformation of Rat-1 cells</i> Oncogene 9:2969-2976 (June 15, 1994)
<u>PP</u>	BC	Farrell et al.	<i>Naturally occurring antisense transcripts are present in chick embryo chondrocytes simultaneously with the down-regulation of the alpha 1(I) collagen gene</i> The Journal of Biological Chemistry 270/7: 3400-3408 (February 17, 1995)
<u>PP</u>	BD	Jorgensen	<i>Cosuppression, Flower Color Patterns, and Metastable Gene Expression States</i> Science 268:686-691 (May 5, 1995)

<u>PP</u>	BE	Cogoni et al.	<i>Transgene silencing of the al-1 gene in vegetative cells of Neurospora is mediated by a cytoplasmic effector and does not depend on DNA-DNA interactions or DNA methylation</i> EMBO Journal 15/12:3153-3163 (1996)
<u>PP</u>	BF	Magis et al.	<i>An upstream activator of transcription coordinately increases the level and epigenetic stability of gene expression</i> Proc. Nat. Acad. Sci. USA 93:13914-13919 (November 1996)
<u>PP</u>	BG	Meyer	<i>Repeat-Induced Gene Silencing: Common Mechanisms in Plants and Fungi</i> Biological Chemistry 377:87-95 (February 1996)
<u>PP</u>	BH	Tsai et al.	<i>Cell-Type-Specific Regulation of the Human Tumor Necrosis Factor Alpha Gene in B Cells and T Cells by NFATp and ATF-2/JUN</i> Molecular and Cellular Biology 16/10:5232-5244 (October 1996)
<u>PP</u>	BI	Bingham	<i>Cosuppression Comes to the Animals</i> Cell 90:385-387 (1997)
<u>PP</u>	BJ	Cogoni et al.	<i>Isolation of quelling-defective (qde) mutants impaired in posttranscriptional transgene-induced silencing in Neurospora crassa</i> Proc. Nat. Acad. Sci. USA 94:10233-10238 (September 1997)
<u>PP</u>	BK	Metzlaff et al.	<i>RNA-Mediated RNA Degradation and Chalcone Synthase A Silencing in Petunia</i> Cell 88:845-854 (March 21, 1997)
<u>PP</u>	BL	Pal-Bhadra. et al.	<i>Cosuppression in Drosophila: Gene Silencing of Alcohol dehydrogenase by white-Adh Transgenes is Polycomb Dependent</i> Cell 90:479-490 (August 8, 1997)
<u>PP</u>	BM	Palla et al.	<i>Enhancer blocking activity located near the 3' end of the sea urchin early H2A histone gene</i> Proc. Nat. Acad. Sci. USA 94:2272-2277 (March 1997)

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Binding of upstream stimulatory factor to an E-box in the 3'-flanking region stimulates $\alpha 1(I)$ collagen gene transcription
The Journal of Biological Chemistry
272/3:1753-1760 (January 17, 1997)

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Ivanov et al.

Down-regulation of Tumor Necrosis Factor α Expression by Activating Transcription Factor 2 Increases UVC-induced Apoptosis of Late-stage Melanoma Cells
The Journal of Biological Chemistry
274/20:14079-14089 (May 14, 1999)

Examiner Signature: _____

Pete Pinsky

Date Considered: _____

3/11/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

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